

## EAST Search History

Re f #	Hits	Search Query	DBs	Defau lt Opera tor	Plur als	Time Stamp
L1	958	(514/372).CCLS.	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2007/09/03 13:48
L2	358	(548/126).CCLS.	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	OFF	2007/09/03 13:48
L3	4	I2 and I1	US-PGP UB; USPAT; USOCR ; EPO; JPO; DERWE NT; IBM_T DB	OR	ON	2007/09/03 13:48

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09/03/2007

specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 13:01:22 ON 03 SEP 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:01:33 ON 03 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 AUG 2007 HIGHEST RN 945948-91-4

DICTIONARY FILE UPDATES: 31 AUG 2007 HIGHEST RN 945948-91-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

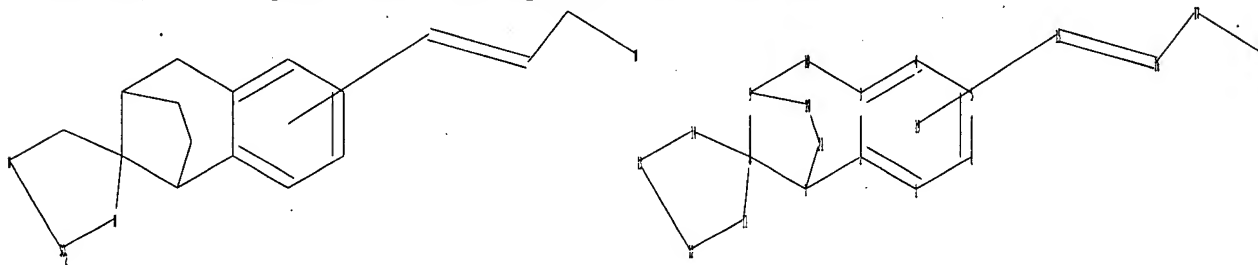
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10511507.str



chain nodes :  
15 16 17

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ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 18 20 21

chain bonds :

15-16 16-17 17-18

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 7-21 8-9 8-11 8-14 9-10 9-20  
11-12 12-13 13-14 20-21

exact/norm bonds :

2-7 3-10 7-8 7-21 8-9 8-11 8-14 9-10 9-20 11-12 12-13 13-14 17-18  
20-21

exact bonds :

15-16 16-17

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

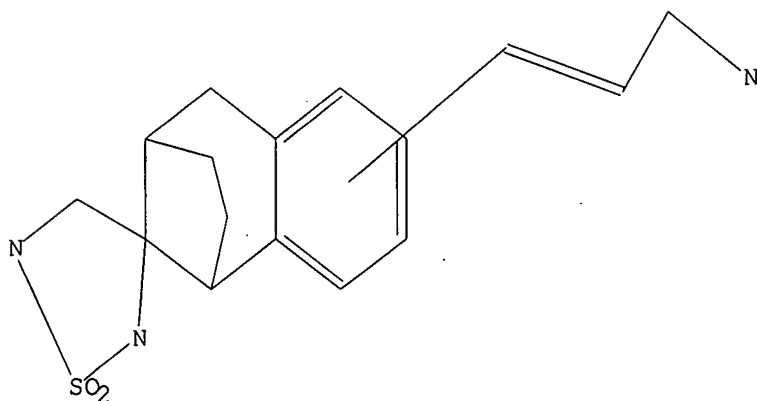
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom  
20:Atom 21:Atom

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 13:01:54 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 93 TO 587

PROJECTED ANSWERS: 0 TO 0

SAEED

Page 3

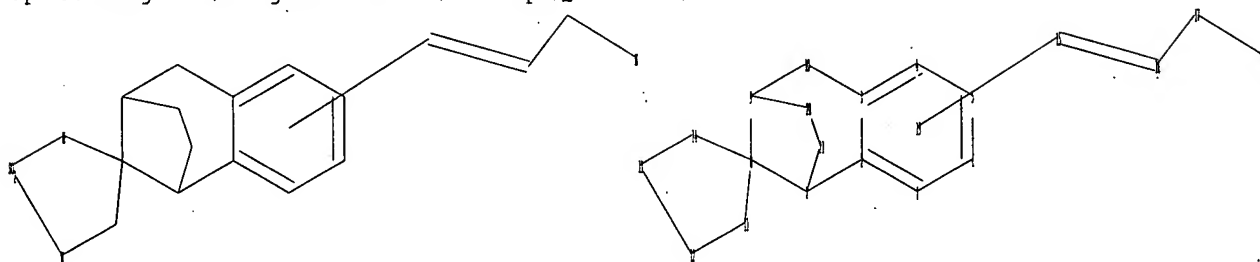
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L2 0 SEA SSS SAM L1

=>

Uploading C:\Program Files\Stnexp\Queries\105115073.str



chain nodes :

15 16 17

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 18 20 21

chain bonds :

15-16 16-17 17-18

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 7-21 8-9 8-11 8-14 9-10 9-20  
11-12 12-13 13-14 20-21

exact/norm bonds :

2-7 3-10 7-8 7-21 8-9 8-11 8-14 9-10 9-20 11-12 12-13 13-14 17-18  
20-21

exact bonds :

15-16 16-17

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

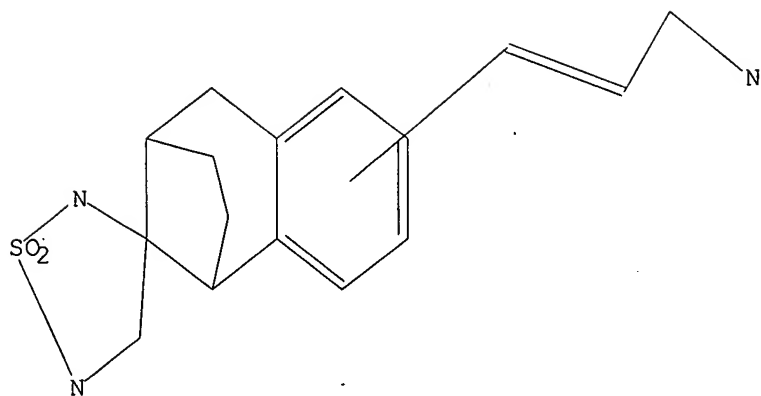
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom  
20:Atom 21:Atom

L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 13:05:00 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

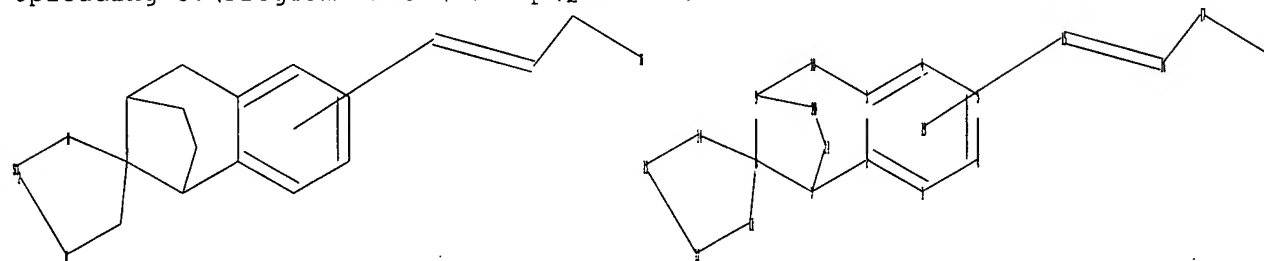
PROJECTED ITERATIONS: 93 TO 587

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=>

Uploading C:\Program Files\Stnexp\Queries\105115074.str



chain nodes :

15 16 17

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 20 21

ring/chain nodes :

18

chain bonds :

15-16 16-17 17-18

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 7-21 8-9 8-11 8-14 9-10 9-20

11-12 12-13 13-14 20-21

SAEED

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exact/norm bonds :

2-7 3-10 7-8 7-21 8-9 8-11 8-14 9-10 9-20 11-12 12-13 13-14 17-18  
20-21

exact bonds :

15-16 16-17

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

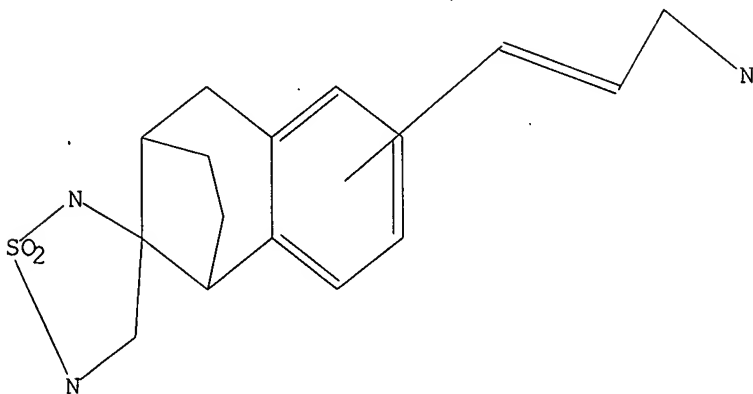
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:Atom  
20:Atom 21:Atom

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 13:06:15 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 93 TO 587

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 full

FULL SEARCH INITIATED 13:06:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 338 TO ITERATE

SAEED

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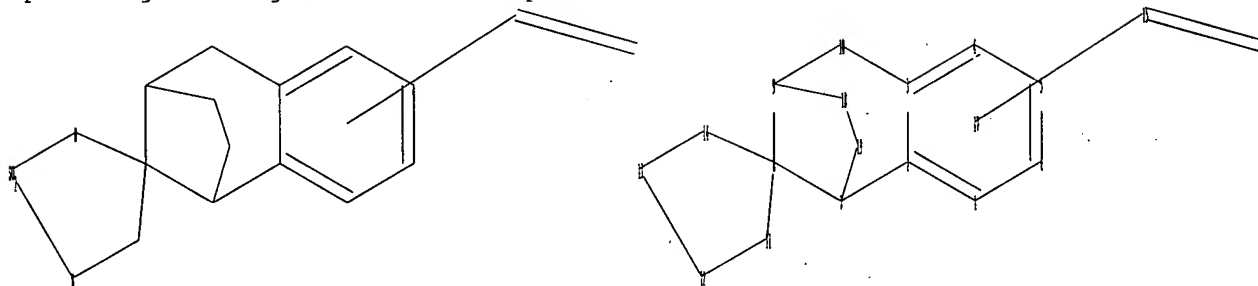
100.0% PROCESSED 338 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

L7 0 SEA SSS FUL L5

=>

Uploading C:\Program Files\Stnexp\Queries\105115075.str



chain nodes :

15 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 18 19

chain bonds :

15-16

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 7-19 8-9 8-11 8-14 9-10 9-18  
11-12 12-13 13-14 18-19

exact/norm bonds :

2-7 3-10 7-8 7-19 8-9 8-11 8-14 9-10 9-18 11-12 12-13 13-14 18-19

exact bonds :

15-16

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

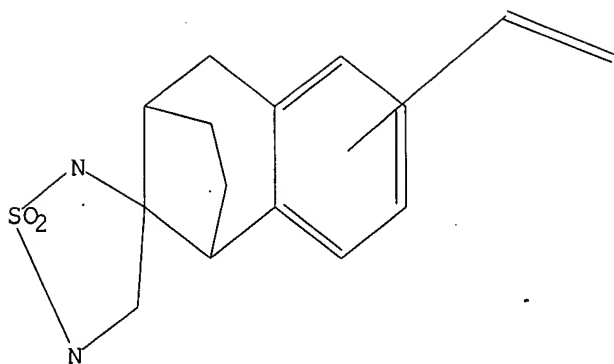
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:Atom 18:Atom 19:Atom

L8 STRUCTURE UPLOADED

=> d

L8 HAS NO ANSWERS

L8 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 18

SAMPLE SEARCH INITIATED 13:08:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

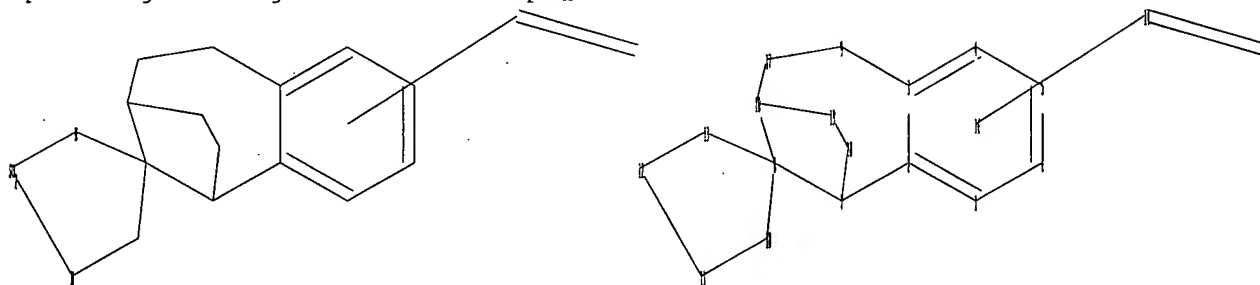
PROJECTED ITERATIONS: 93 TO 587

PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8

=>

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chain nodes :

14 15

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 17 18 19 20

chain bonds :

14-15

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 7-20 8-13 8-10 8-18 9-17 10-11

11-12 12-13 17-18 18-19 19-20

exact/norm bonds :

2-7 3-9 7-8 7-20 8-13 8-10 8-18 9-17 10-11 11-12 12-13 17-18 18-19

19-20



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exact bonds :

14-15

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

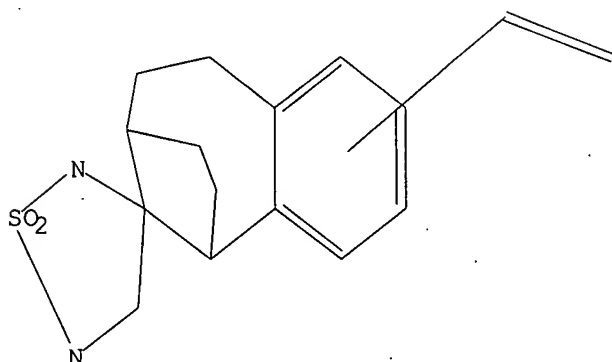
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:Atom 17:Atom 18:Atom 19:Atom  
20:Atom

L10 STRUCTURE UPLOADED

=> d

L10 HAS NO ANSWERS

L10 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l10

SAMPLE SEARCH INITIATED 13:11:05 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 93 TO 587

PROJECTED ANSWERS: 0 TO 0

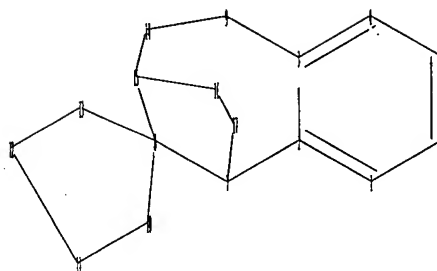
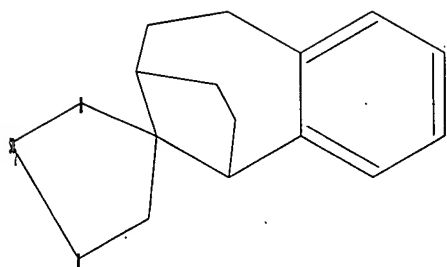
L11 0 SEA SSS SAM L10

=>

Uploading C:\Program Files\Stnexp\Queries\105115079.str

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ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 7-17 8-13 8-10 8-15 9-14 10-11  
11-12 12-13 14-15 15-16 16-17

exact/norm bonds :

2-7 3-9 7-8 7-17 8-13 8-10 8-15 9-14 10-11 11-12 12-13 14-15 15-16  
16-17

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

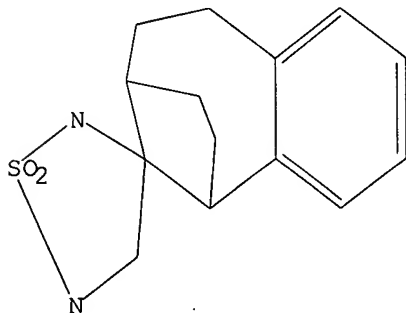
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom

L12 STRUCTURE UPLOADED

=> d

L12 HAS NO ANSWERS

L12 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l12

SAMPLE SEARCH INITIATED 13:13:56 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 17 TO ITERATE

100.0% PROCESSED 17 ITERATIONS

SEARCH TIME: 00.00.01

0 ANSWERS

SAEED

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FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 93 TO 587  
PROJECTED ANSWERS: 0 TO 0

L13 0 SEA SSS SAM L12

=> s l12 full

FULL SEARCH INITIATED 13:14:28 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 338 TO ITERATE

100.0% PROCESSED 338 ITERATIONS  
SEARCH TIME: 00.00.01

0 ANSWERS

L14 0 SEA SSS FUL L12

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

353.65

353.86

STN INTERNATIONAL LOGOFF AT 13:15:34 ON 03 SEP 2007